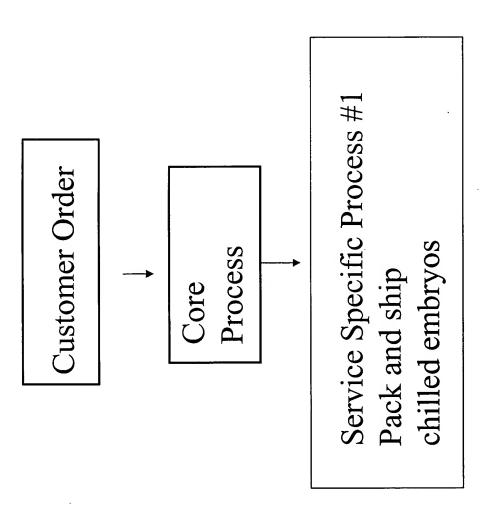
Process

Management Service Mouse Colony



Results:

Mouse Colony Management Service (MCMS) #1 Generation and provision of mouse embryos

Figure 3.

Customer Order

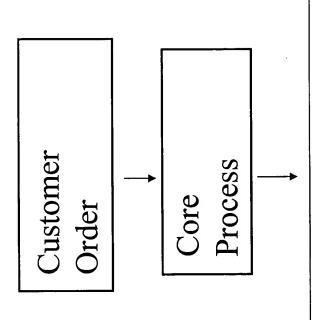
Core Process

pseudopregnant mice; ship resulting pregnant mice; or bring to term and ship progeny Implantation of embryos into Service Specific Process #2

Results:

MCMS #8 Rescue of strain where only one mouse MCMS #7 Rederivation and supply of SPF mice. MCMS #2 Rapid colony expansion remains

Figure 4.

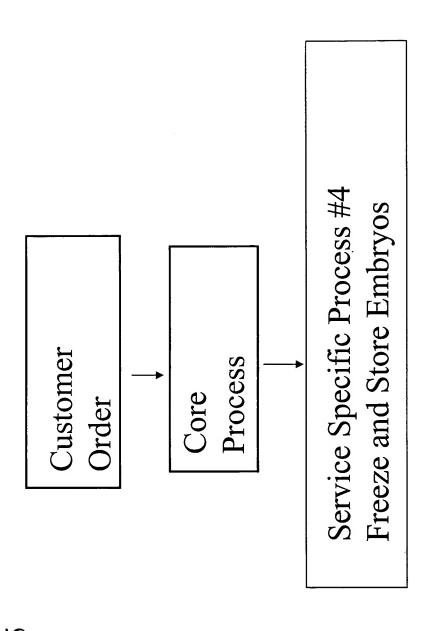


pseudopregnant mice and ship resulting pregnant mice; Simultaneous implantation of embryos into or bring to term and ship progeny Service Specific Process #3

Results:

Rapid production of desired number of synchronized progeny Mouse Colony Management Service #3

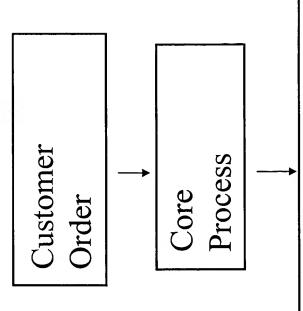
Figure 5



Results:

Mouse Colony Management Service #4 Generation and cryopreservation of mouse embryos

Figure 6.



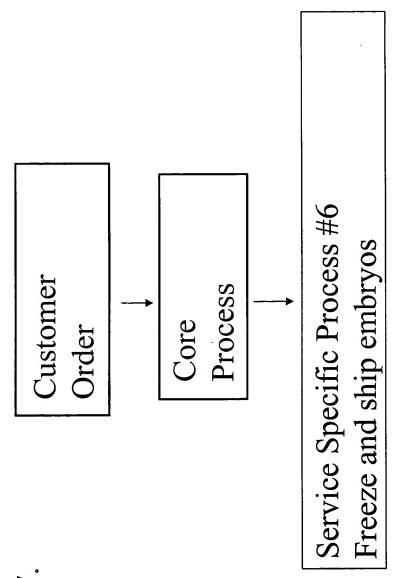
Service Specific Process #5

implant embryos into pseudopregnant mice and ship resulting Freeze and Store Embryos; Ship frozen embryos; or thaw and pregnant mice; or bring to term and ship progeny

Results:

Mouse Colony Management Service #5 Cryo banking and recovery

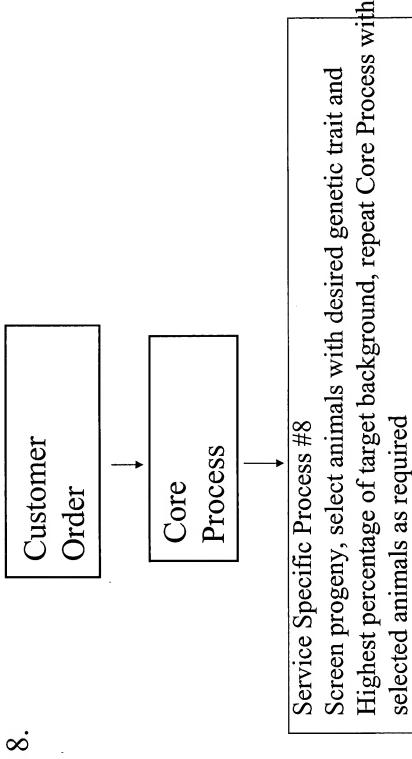
Figure 7.



Results:

MCMS #7 Rederivation and supply of SPF mice Supply or site to site transfer of mouse embryos Mouse Colony Management Service #6 as embryos

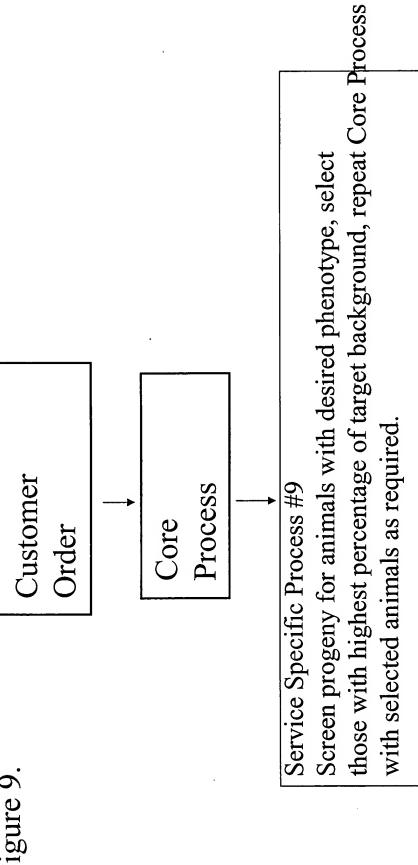
Figure 8.



Results

Rapid production of congenic strains with desired genetic Mouse Colony Management Service #8 trait in a desired background

Figure 9.



Rapid production of congenic strains with desired Mouse Colony Management Service #9 phenotype in a desired background

Figure 10. Comparison of Colony Management by IVF and by Conventional Mating

